



Distillery

Premium equipment and consumables
for the Distillery industry

grapeworks NZ

About us

At Grapeworks we use our 20 years' experience to offer reliable service and advice. **We're more than a leading provider of premium consumables and equipment, we're your business partner.**

We have a wide range of packaging solutions for your spirit presentation.

Our Tech Services, servicing division, have technicians available for the installation and/or servicing and maintenance of your equipment.

Call **04 390 3577** or email **info@grapeworks.co.nz** for further information.



Contents

Equipment

| | |
|------------------------|-----|
| Pumps | 4 |
| Filling solutions | 5-6 |
| Capping | 7 |
| Rinsers | 8 |
| Labellers | 8-9 |
| Packing | 10 |
| Conveyors/Accumulation | 11 |
| Chillers | 12 |
| Filtration/Housing | 12 |

Tanks & Fittings

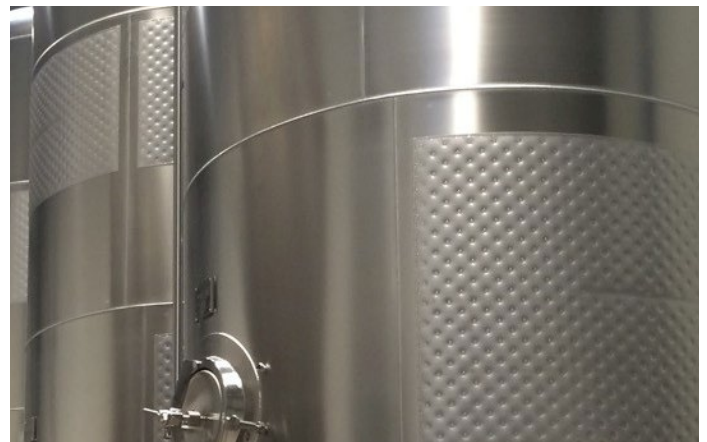
| | |
|-----------------------|----|
| Tanks and accessories | 13 |
|-----------------------|----|

Packaging

| | |
|--------------------------|----|
| Capsules | 14 |
| Bottle waxes & machinery | 15 |

Other

| | |
|--------|----|
| Covers | 17 |
|--------|----|



Servicing & Maintenance

Our services division have technicians available for equipment breakdowns, maintenance & servicing.
Contact **04 390 3577** or email **info@grapeworks.co.nz**

Equipment & Consumables

Grapeworks offer an extensive range of manual, semi-automated and fully automatic equipment to suit your production size.

Talk to our team about your production requirements and we can discuss what may suit now and into the future.



Pumps

EX rated pneumatic double diaphragm pumps

These pneumatic double diaphragm pumps have long been recognized as the most flexible pumps in the treatment of aggressive liquids, at variable pressures and flow rates. Manufactured in various sizes and with a wide range of choice of construction materials. Almost every type of liquid, from highly acid to highly alkaline, through paints, high viscosity glues, up to food products.

| Model | Max flow rate | Delivery heading | Max Viscosity |
|-------|---------------|------------------|---------------|
| PF30 | 35L/min | up to 70m | 15.000cps |
| PF60 | 65L/min | up to 80m | 20.000cps |
| PF120 | 120L/min | up to 80m | 25.000cps |
| PF170 | 170L/min | up to 80m | 35.000cps |
| PF400 | 380L/min | up to 80m | 40.000cps |
| PF700 | 700L/min | up to 80m | 50.000cps |



A wide range of pumps available, choose from.

- Impeller - Low Speed pump
- LOBE - Low speed pumps
- Mono pump
- Available in EX models

Low Speed Impeller - Oenoflex

| Variable Frequency Drive | | | |
|--------------------------|---------------|--------|-----------|
| SeriesF | low | L/h kW | Speed RPM |
| LCE5/140 | 500 to 14000 | 1.5 | 50 to 850 |
| LCE15/260 | 1500 to 26000 | 3 | 50 to 775 |
| LCE25/400 | 2500 to 40000 | 4 | 50 to 775 |
| LCE50/700 | 5000 to 57000 | 5.5 | 50 to 700 |

Low Speed - LOB

| Variable Frequency Drive | | | |
|--------------------------|----------------|--------|-----------|
| SeriesF | low | L/h kW | Speed RPM |
| LOB100E | 1000 to 13000 | 2.2 | 0 to 700 |
| LOB200E | 1500 to 22000 | 4 | 50 to 500 |
| LOB300E | 3000 to 33000 | 5.5 | 50 to 500 |
| LOB600E | 6000 to 64000 | 7.5/11 | 50 to 450 |
| LOB1000E | 8000 to 110000 | 11/15 | 50 to 450 |



Filling Solutions

EX Manual gravity filler

- 4 and 6 head Units.
- 500ml to 2L bottles.
- Articulated nozzles for insertion and removal of bottles.
- Options: Electric Level Probe, Pneumatic Pump, Plate & Frame Filter.

MFIL4 / MFIL6EP



Bag in Box filler

- The machine automatically carries out the filling cycle: empty; filling; arrest; nitrogen injection.
- The operator selects the format and manoeuvres the extraction and insertion pliers of the cap, following the progress of the various phases on the display.
- The format change is immediate, you only need to key in the desired capacity.
- 4500ltr / hr

BB20



Semi-automatic gravity filling monoblock

- 6 valves rotary filler for filling with gravity system, automatic movement, pneumatic bottles lifting.
- 10 cavity rinser
- Mechanical corker machine for T-corks with push button operation and pneumatic bottles lifting.

EURO 1061S



Semi-automatic vacuum filler

- 4 valves vacuum filler, built in stainless steel AISI 304
- Pneumatic bottles lifting with drop-down timer
- Push button operation
- Predisposition for connector to the pump

PG 2010-B4V



DOSA-2N

Inert gas dosing unit with two dosing



Monoblock Gravity Filler

Semi-automatic 4 valve monobloc with T-Stopper applicators.

- 4 valves filler for gravity filling, pneumatic bottles lifting with drop-down timer and predisposed for pump connection, with stainless steel liquid inlet valve controlled through electrical floater.
- Pneumatic corker machine for T-top corks with buttons operation.

PG2010/M6GT



Filling - Automatic

GT Filler

The GT filler's specification is fully customisable. Choose from:

- IECEX available on request
- Gravity filling
- Vacuum filling for greater speed
- Option to have up to 3 closure applications on single star wheel
- Option to include a bottle rinser

Options include:

- Cork
- ROPP/Stelvin
- Crown seal
- GPI screw cap or;
- Glass and cork T-top stoppers
- 8 Head from 450 – 1400 BPH
- 12 Head from 1500 – 2000 BPH
- Nitrogen Insertion Nitrogen in tank

Bottle sizes can be specified from:

- Ø55mm by 240mm high through to Ø115mm by 380mm high
- Quick, simple changes between bottle sizes with minimal change parts.



Example of a GT spirit line in Melbourne



Distillery
install



Turn key installation, included:

GT Tribloc 8 head Filler

- 1200BPH
- Capper for T-corks
- 9 head rinser

Loading table & motorised outfeed table

CDA Twin S labeller

CDA Capsule applicator

Videojet inkjet coder

Carton Sealer

Capping Solutions



Manual Crown Sealer

Simple to use for small capping jobs.
Up to 300 BPH

MCROWNER

Pneumatic Crown Sealer

Benchtop capping unit
Up to 300 BPH

BTCS500



Capsule spinning for poly laminate and tin capsule

Capsule Roll-On Head On Pedestal or Bench Top Unit. Suitable for applying poly laminate/tin/aluminium capsules and set up for the possible capsule flat-roll attachment.

BTCAPSPIN



Capsuling for heat shrink PVC capsules

- Manual machine for closure of heat-shrink capsules
- Adjustable working temperature

BTPVCCAPSHRINK



Electric/Pneumatic Screw Capper

Free Standing Screw Cap Applicators, feature full Stainless Steel Head.

- Bottle range 250ml to 2L.
- Bench Top Screw Capper available.

Up to 500 BPH.

PG2010



Semi Automatic Corker - T-stoppers

Free Standing Wheeled semi-automatic corker machine in stainless steel

- Pneumatic bottles lifting and push button operation
 - Automatic distribution of the corks into the chute
 - Suitable for one format of cork
 - Pneumatic operation
- Up to 300 BPH

PG2010-T



Bottle Rinsers

TARDITO

Tardito manual & semi-auto models come in 4, 10 and 20 outlets. Each model is available in 4 configurations:

- Straight water/liquid rinse with filter housing (connected to water/liquid supply, waste goes to drain)
- Straight air/gas rinser
- Water/liquid and air/gas rinse – (water goes to drain)
- Water/liquid with recycling pump, tank and filter.

For gas rinse option use air, nitrogen, CO2 etc. No bottle - no rinse.

700 to 1200 BPH.

Semi-auto air rinse available.



Water Recycling Tank

SM4R

SMP4



Water Recycling Tank

TARTP10

TARTP10/R

Bench Top Labellers

Label Application Model 362 for Cylindrical Containers

Apply labels faster and Labels are perfectly applied without wrinkles, giving your finished products a highly professional look.

- It can apply one or two different labels to a single container.
- A built-in LED counter and memory for up to nine front-to-back label offsets is also included.

Accurately at speeds of up to 1200 per hour.

AP362



Label Application Model 550 for Flat Surfaces

Semi-automatic label applicator that makes it fast and easy to precisely apply product and identification labels onto a wide range of flat surfaces such as rectangular or tapered bottles, boxes, packages, bags, pouches, lids, tins and much more.

- Labels are applied straight without wrinkles or folds in exactly the location desired giving the finished products a highly professional look.
- up to 500 labels per hour.



NOTE: these labellers will NOT do tapered bottles.

Linear Labellers - CDA



CDA has been specialising in wine bottle labelling since 1991 and is recognised internationally for its specific know-how and machine innovation.



Lystop 2 Auto Labeller

The Lystop Automatic labelling machine has options for capsuling or hooding. 3 label dispensing heads.

Up to 2500 BPH.



Ninon Side

The Ninon Side combines the quality of the three points labelling technique to a production rate reaching up to 60 products/minute. With up to 2 parallel labelling stations, the Ninon Side enables to label the sides of square, rectangular, and ovalized products.

Up to 3600 BPH



Ninette Auto Labeller

The Ninette Automatic labelling machine is an affordable entry level labeller with motorized conveyor and collection table. Options available for 1 or 2 dispensers able to apply 1 to 3 labels depending on configuration.

600 to 800 BPH.

Rotary Labellers - KUBE

The Kube labeling machine is suitable for packaging lines from 1,000 to 25,000 BPH with the application of adhesive labels, cold glue, hot melt glue or mixed.



The Carousel can be equipped with multiple fixed labelling stations or mobile modules. The touch screen interface is provided with user friendly software and remote control system. All the process parameters can be controlled from any device, tablets and smart phones.

Models: K20 K50 K60

Packing



Mobile Conveyor System

This conveyor will work seamlessly with any box sealing machine, simply push your un-sealed box through the machine and it will roll to the desired location or the next machine.

- Gravity conveyor
- Extendable
- Height adjustable
- Locking wheels

| | |
|--------|-----------------|
| Width | 500mm |
| Length | 1500mm - 4500mm |
| Height | 500mm - 800mm |

EXE-103



Uniform Carton Sealing Machine

Fast and efficient, this automatic carton taping machine is guaranteed to increase productivity. Featuring a rugged steel construction designed for round-the clock operation.

- Easy to operate
- Top drive system
- Seals top and bottom
- Self adjusts to incoming box size
- Stand alone or inline.

FCS-10R Carton Sealing Machine

Semi-Automatic Pallet Wrapping Machine

This force-to-load stretch wrapping machine is the perfect entry point to automated pallet wrapping. Featuring a pre-programmed, one-button operation, it can be operated with zero experience and is ideal for businesses wrapping 1 - 20 pallets per day.

- Automatic one touch operation
- Automatic pallet height detection
- Soft start and stop for light loads
- Adjustable film tension

FSW-10 Pallet Wrapping Machine



Pallet Table

Pneumatic height adjusting rotation pallet table

Loaders are designed to eliminate bending by automatically raising & lowering pallets during loading or unloading of goods by hand without using springs, motors or hydraulics.

Loaders also allow easy pallet rotation for near side loading to avoid reach strain.

Pressure gauge, air fill & bleed valves that provide up to 1200 psi adjustment.

EZ30



Conveyors & Accumulation



End of Line Accumulation & Carton Packing Table



Multi Lane In-feed Accumulation Conveyor



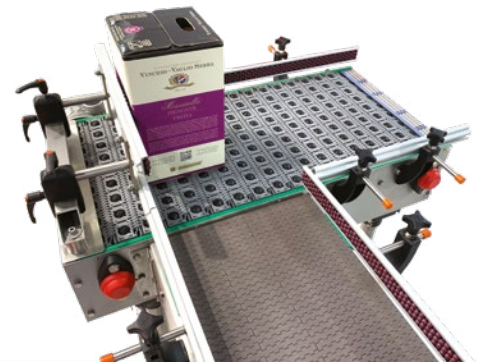
Conveyor Cross-Over Transfer



Rotating In-Feed & Out-Feed Accumulation Tables



First In First Out Conveyor Accumulation Table



90° Corner for Carton Conveyors

Carton Weight Checker



Automat Carton Weight Checker

Designed to check the weight of full boxes in transit on the carton conveyor. Extremely simple to set carton weights directly on the touchscreen or simply pass a full carton over the scale unit and use the self-teach function.

Weighing down to 50g on a full carton allows you to check accurately for missing bottles or low fill bottles inside the carton. Complete unit with incorporated carton ejector, integrated alarms and conveyor stopping features.

Chillers

Winus offer a large range of high quality chillers designed to deliver reliable and consistent cooling and warming solutions for the beverage industry.



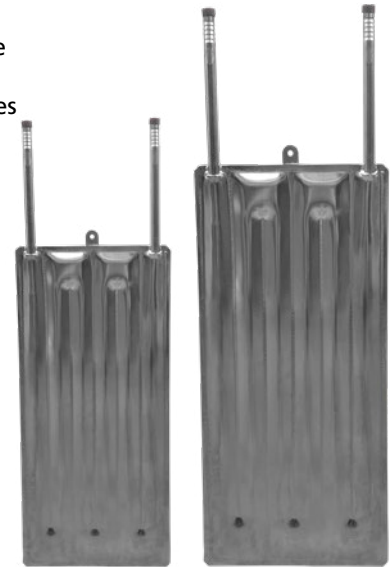
A large range of standard units capable of handling from the smallest volumes up to 260,000 Litres.

- Fermentation at controlled temperatures
- Tartaric precipitation
- Heating of wines for malo-lactic fermentation



Tube In Tube, Immersion Coils & Plate Heat Exchangers

Tubular heat exchangers are composed of two concentric tubes in which thermal exchange occurs in between the product that flows through the internal pipe and the refrigerant that runs through the external pipe. These heat exchangers permit rapid lowering of product temperature and are designed for the working of fluid substances such as viscous substances like destemmed or crushed grapes and other fruit.



Filtration

Lenticular module housings

Stainless steel module housing available in 1 to 4 modules high, in a 12 or 16" module format. High quality internal surface finish, electropolished.



Cartridge Housings

Stainless Steel

Sanitary housing with enhanced cleanability and microbiological safety due to crevice-free, polished and hygienic design. Suitable for Code 7 absolute rated cartridges. Ideal for pre-filter and membrane filtration

- 10" – Code 7 (Single)
- 30" – Code 7 (Single)
- 30" – Code 7 (3 Cartridge)



Stainless steel in & out feed connections and pressure gauges available on request.

Polypropylene

Suitable for nominal, double open ended, flat gasket cartridge filtration.

SCO 10" – DOE - 3/4" in/out feed

LMO 20" – DOE - 3/4" in/out feed



Variable Capacity (VC) Tanks

Standard Flat Bottom

High quality Stainless Steel VC tanks made in Italy. Range of flat bottom VC tanks with floating lid and tank kit. Sizes ranging from 100 litres to 1,500 litres. Tanks inner are mirror polished for easy cleaning.

Call For VC Tanks over 1500L.

| Capacity | 100L | 230L | 330L | 530L | 1000L Short | 1000L Tall | 1500 |
|--------------|------|------|------|------|-------------|------------|------|
| Diameter mm | 470 | 620 | 620 | 750 | 1020 | 940 | 1020 |
| Height mm | 800 | 820 | 1160 | 1270 | 1400 | 1500 | 2000 |
| Seal Size mm | 450 | 600 | 600 | 700 | 1000 | 930 | 1000 |
| Outlet mm | 12 | 25 | 25 | 25 | 25 | 25 | 25 |

*It is the purchasers responsibility to use the appropriate tank for high ethanol % as per New Zealand Standards.



For larger tanks built and supplied in New Zealand.

Contact for details on the DTS range:

Standard design range of open top and closed top fermenters from 3,500L to 40,000L.

Custom build tanks up to 250,000 can be built at either the DTS workshop or on site.

DTS tanks are designed with New Zealand conditions in mind and built to meet Seismic Design standards NZS1170.5 and NZSEE2009.

VC Seals and Pumps



VC Seal Pump

VCPUMP

VC Tank Valves

VC Tank Venting Valves

38mm Ø / 46mm Ø

VC Tank Seals

Complete Range of Replacement VC Seals.

| Seal sizes available (mm) | | | |
|---------------------------|------------|------------|------------|
| VCSEAL300 | VCSEAL350 | VCSEAL380 | VCSEAL420 |
| VCSEAL437 | VCSEAL500 | VCSEAL550 | VCSEAL600 |
| VCSEAL640 | VCSEAL650 | VCSEAL700 | VCSEAL720 |
| VCSEAL750 | VCSEAL800 | VCSEAL850 | VCSEAL900 |
| VCSEAL915 | VCSEAL930 | VCSEAL950 | VCSEAL1000 |
| VCSEAL1100 | VCSEAL1150 | VCSEAL1170 | VCSEAL1200 |
| VCSEAL1250 | VCSEAL1300 | VCSEAL1350 | VCSEAL1400 |
| VCSEAL1500 | VCSEAL1550 | VCSEAL1600 | VCSEAL1700 |
| VCSEAL1750 | VCSEAL1800 | VCSEAL1900 | VCSEAL1970 |
| VCSEAL2000 | VCSEAL2100 | VCSEAL2200 | VCSEAL2400 |

Bottle Waxing Machinery

A range of waxing equipment from 1 bottle manual through to fully automated.



Sincera SL14 fully automatic machine.

Suitable for being positioned along the bottling line based on production capacity. Up to 14 bottles at a time dependant on the bottle size.



Sincera 4.

The standard version allows you to seal bottles from a minimum size of 750mL to a maximum of 5L, with just one machine. Available with 2 trays for different wax colours.



Semi & fully automatic wax sealing machine

Sincera 2: Two bottle model.

Manual timers allow for both immersion and cooling times and a thermostat maintains the temperature.

Production rate:

Approx 200-250 BPH.

Size range: from 750ml to 5L.

Watch the Sincera Wax Sealing machine in action:

<https://vimeo.com/434543139>



Manual sealing machine using shellac or sealing wax

Sincera 1: One bottle model.

The machine, specifically designed for small to medium sized waxing runs. It has a thermostat for temperature regulation; a rotational system so the bottle is in a constant spinning motion during immersion. Both the immersion and emission of the bottle in the wax container is manual.

Production rate:

Approx 100 BPH.

Size range: from 750ml to 6L.

Sealing Wax

Wax strips

Under wax strips for easily opening. Several types of strips are available:

- Plasticized paper
- Woven textiles
- Machinable reel



Personalised Brass Stamps

Personalised brass stamps are available on request, with your logo. Apply manually or automatically via the Sincera 2 or 4.

WAXSTAMP



Wax colours

Stock, speciality or even custom. A huge range of colours are available.

Stock Wax sold in 1kg quantities. Custom wax - min order 50kg.

Visit grapeworks.com.au to view more colours.



Orange. OG006



Green. GN005



Olive. GN006



Red. RD016



Silver. SR001



White. WH001



Burgundy. RD007



Bright Red. RD010



Yellow. YE016

Capsules - Tin



Custom Tin Capsules

Tin capsules are spray painted to give a depth of colour and high quality finish.

Capsules can be custom made with blind or inked embossing and silk screen printing.

- Option of tear tag for easy opening



Capsules - Polylaminate

Custom Polylaminate Capsules

Custom made capsules available in heavy weight polylaminate. The choice of finishes offered include blind or inked embossing, printing with matt, gloss and satin colours along with hot foil stamping.

- Option of tear tag for easy opening

Specifications:

27.5mm up to 34.5mm

from 45-65mm height

Other sizes available on request.



Labels Tin

Applic Etains - impact & enhance your brand

Available in Pewter, Matt and Bright Gold, Copper and Bronze. Other colours on request.

Different appearances can be created ie: antique look in gold, old copper or bronze. Can be supplied on rolls for labelling machines.



Covertec Covers

Breathable & Non-Breathable Covers

Ideal for protecting food stuffs and produce from insects, vermin and other contaminants. Covers include hem with elastic drawstring for tight fit.



| SQUARE Covers Bin size | BREATHABLE Code | NON-BREATHABLE Code |
|-----------------------------|--------------------|------------------------|
| 1200mm ² (47"²) | FMS1212 | NBS1212 |
| 1500mm ² (59"²) | FMS1515 | NBS1515 |
| 1800mm ² (72"²) | FMS1818 | NBS1818 |
| 2100mm ² (82"²) | FMS2121 | NBS2121 |
| 2500mm ² (98"²) | FMS2525 | NBS2525 |
| 2600mm ² (102"²) | FMS2626 | NBS2626 |



| RECTANGLE Covers Bin size | BREATHABLE Code | NON-BREATHABLE Code |
|------------------------------|--------------------|------------------------|
| 1000 x 1200mm (39 x 47") | FMR1012 | NBR1012 |
| 1100 x 2100mm (43 x 82") | FMR1121 | NBR1121 |
| 1200 x 2200mm (47 x 86") | FMR1222 | NBR1222 |
| 1500 x 1800mm (59 x 71") | FMR1518 | NBR1518 |
| 1500 x 3000mm (59 x 118") | FMR1530 | NBR1530 |
| 1800 x 2600mm (71 x 102") | FMR1826 | NBR1826 |
| 1800 x 3000mm (71 x 118") | FMR1830 | NBR1830 |
| 2500 x 3000mm (98 x 118") | FMR2530 | NBR2530 |



| ROUND Covers Bin size | BREATHABLE Code | NON-BREATHABLE Code |
|--------------------------|--------------------|------------------------|
| 850mm ø (33" ø) | FMHO6 | NBHO6 |
| 1050mm ø (41" ø) | FMHO8 | NBHO8 |
| 1150mm ø (45" ø) | FMHO9 | NBHO9 |
| 1350mm ø (53" ø) | FMHO11 | NBHO11 |
| 1550mm ø (61" ø) | FMHO13 | NBHO13 |
| 1750mm ø (69" ø) | FMHO15 | NBHO15 |
| 2050mm ø (81" ø) | FMHO18 | NBHO18 |
| 2350mm ø (92" ø) | FMHO21 | NBHO21 |
| 2650mm ø (104" ø) | FMHO24 | NBHO24 |
| 3050mm ø (120" ø) | FMHO28 | NBHO28 |



BREATHABLE



NON-BREATHABLE



Square and Rectangular:

60mm satin hem & elastic drawstrings. Covers include a 200mm side skirt and corner openings for insertion of conduit to create lifting frame.

Round Covers:

Round covers have elastic drawstrings & a 60mm satin hem to allow the insertion of conduit to create a lifting frame. Use 20mm ø conduit.

Hoop size can be made as small or as large as the covers diameter to suit your fermentation vat. Use 20mm ø conduit. Conduit can be purchased from your local hardware store.

FOOD GRADE ART.3 EU REG NO.1935/2004



Service and installation services

Grapeworks Technical Services have over 15 years' experience installing, servicing and supplying to the wine, spirits and beverage industries.

- **Advisory services** Don't get caught out with a costly halt to production, our technicians can trouble shoot your equipment now, pinpointing and eliminating potential problems.
- **Installation**
- **Service** Experienced and qualified technicians are available for the maintenance and service of presses and other machinery including pumps, destemmers, bottling, receival and sorting equipment.
- **Maintenance**
- **Repair** The team can also provide project management for installation and expert advice when you choose to upgrade.



Contact the team today to book a service or to discuss your requirements on 04 390 3577 or email info@grapeworks.co.nz

grapeworks NZ





grapeworks NZ

For more information,
04 390 3577 | info@grapeworks.co.nz
www.grapeworks.co.nz